

# SEQUENCE LISTING

<110> Barta, Andrea  
Lopato, Sergyi  
Kalyna, Maria  
Dorner, Silke

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<141> 2001-10-23

<150> PCT/AT00/00100

<151> 2000-04-20

<150> A 727/99

<151> 1999-04-23

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<170> PatentIn Ver. 2.1

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<223> Description of the artificial sequence:Primer

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 35 40 45  
 Phe Val Glu Phe Glu Asp Pro Arg Asp Ala Asp Asp Ala Ile Tyr Gly  
 50 55 60  
 Arg Asp Gly Tyr Asp Phe Asp Gly Cys Arg Leu Arg Val Glu Ile Ala  
 65 70 75 80  
 His Gly Gly Arg Arg Phe Ser Pro Ser Val Asp Arg Tyr Ser Ser Ser  
 85 90 95  
 Tyr Ser Ala Ser Arg Ala Pro Ser Arg Arg Ser Asp Tyr Arg Val Leu  
 100 105 110  
 Val Thr Gly Leu Pro Pro Ser Ala Ser Trp Gln Asp Leu Lys Asp His  
 115 120 125  
 Met Arg Lys Ala Gly Asp Val Cys Phe Ser Glu Val Phe Pro Asp Arg  
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 Lys Gly Met Ser Gly Val Val Asp Tyr Ser Asn Tyr Asp Asp Met Lys  
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Tyr Ala Ile Arg Lys Leu Asp Ala Thr Glu Phe Arg Asn Ala Phe Ser  
165 170 175

Ser Ala Tyr Ile Arg Val Arg Glu Tyr Glu Ser Arg Ser Val Ser Arg  
180 185 190

Ser Pro Asp Asp Ser Lys Ser Tyr Arg Ser Arg Ser Arg Ser Arg Gly  
195 200 205

Pro Ser Cys Ser Tyr Ser Ser Lys Ser Arg Ser Val Ser Pro Ala Arg  
210 215 220

Ser Ile Ser Pro Arg Ser Arg Pro Leu Ser Arg Ser Arg Ser Leu Tyr  
225 230 235 240

Ser Ser Val Ser Arg Ser Gly Ser Leu Leu Arg Ala Gly Asp Trp Ile  
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Ser Gln Ser Arg Ser Lys Ser Arg Ser Arg Ser Arg Ser Asn Ser Pro  
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 35 40 45  
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 Ser Pro Ala Lys Ser Pro Ile His Thr Arg Ser Pro Ser Arg  
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<210> 22  
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 <212> PRT  
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 Glu Asp Val Phe Tyr Lys Tyr Gly Ala Ile Arg Asp Ile Asp Leu Lys  
 35 40 45  
 Asn Arg Arg Gly Gly Pro Pro Phe Ala Phe Val Glu Phe Glu Asp Pro  
 50 55 60  
 Arg Asp Ala Glu Asp Ala Val Tyr Gly Arg Asp Gly Tyr Asp Tyr Asp  
 65 70 75 80  
 Gly Tyr Arg Leu Arg Val Glu Phe Pro Arg Ser Gly Arg Gly Thr Gly  
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 100 105 110  
 Gly Pro Pro Ser Arg Arg Ser Glu Asn Arg Val Val Val Ser Gly Leu  
 115 120 125

protein database



Pro Pro Ser Gly Ser Trp Gln Asp Leu Lys Asp His Met Arg Glu Ala  
 130 135 140

Gly Asp Val Cys Tyr Ala Asp Val Tyr Arg Asp Gly Thr Gly Val Val  
 145 150 155 160

Glu Phe Val Arg Lys Glu Asp Met Thr Tyr Ala Val Arg Lys Leu Asp  
 165 170 175

Asn Thr Lys Phe Arg Ser His Glu Gly Glu Thr Ala Tyr Ile Arg Val  
 180 185 190

Lys Val Asp Gly Pro Arg Ser Pro Ser Tyr Gly Arg Ser Arg Ser Arg  
 195 200 205

Ser Arg Ser Arg Ser Arg Ser Arg Ser Arg Ser Asn Ser Arg Ser Arg  
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Ser Tyr Ser Pro Arg Arg Ser Arg Gly Ser Pro Arg Tyr Ser Pro Arg  
 225 230 235 240

His Ser Arg Ser Arg Ser Arg Thr  
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1004493 102201